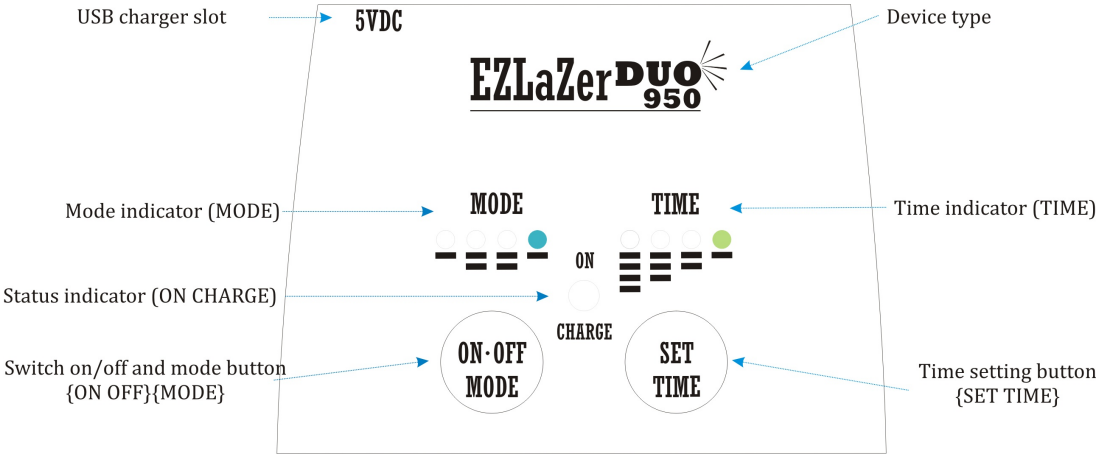
EZLaZer DUO 950
User's manual and warranty card

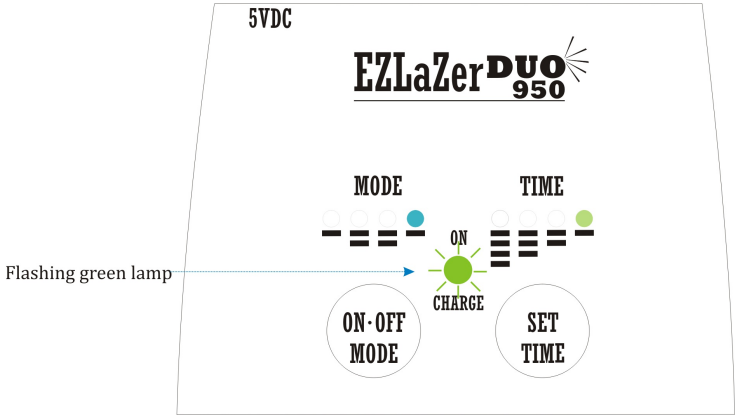


General description

The EZLaZer DUO 950 is a "softlaser" device. Uniquely it has two laser beams (one green and one red) which can be operated separately or together. Both lasers have line shape beam so bigger area can be covered. Always direct laser beam to the desired surface only. Before use please read user's manual and enclosed informant carefully. The use of this device should never substitute medical consultation and curing, ask your doctor for every type of pain and disease! Device can be operated with the capacitive touch buttons on the front panel, so you don't need to press it strong.

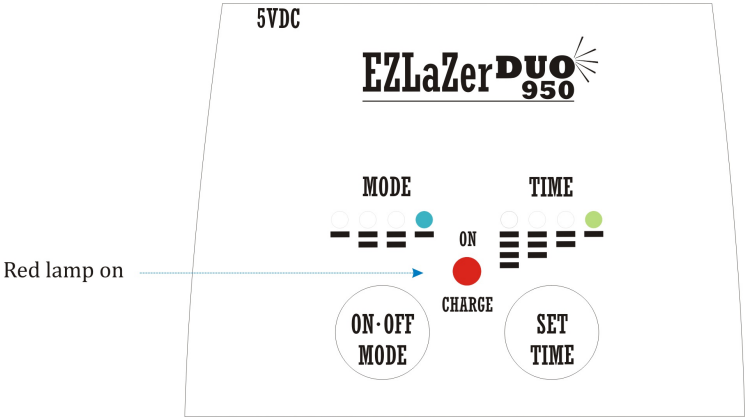
Before first switch on please connect wall charger (5V 1A) and charge it fully. Red lamp indicates charging. At the end of charge red lamp turns off and device is ready for use. (See section “Device charging”)

Turn on



Before turn on mount device on the tripod with the holder (See section “Mount on tripod”) or hold in your hand and direct to the appropriate surface. On the front panel touch {ON OFF} {MODE} button. Device sounds two short beeps indicating turn on. By default rightmost “MODE” blue lamp and rightmost “TIME” green lamp light. “ON CHARGE” lamp flashing green every second. Device turns on in MODE 1. (See section “Device modes”)

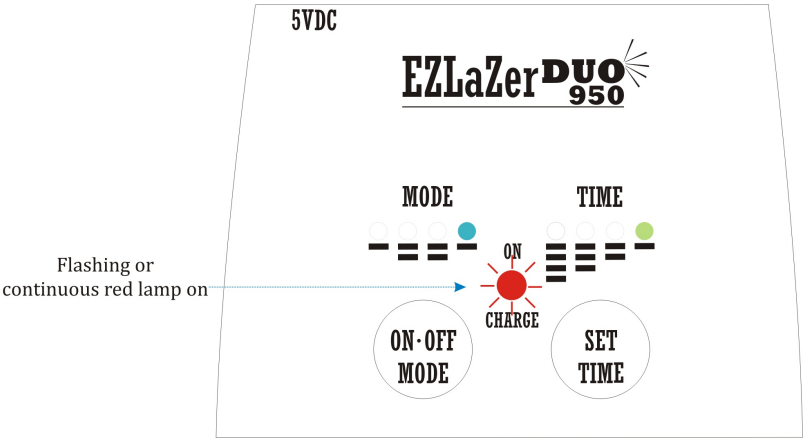
Turn off



To turn off device touch {ON OFF} {MODE} button and hold finger on button (about 2sec) until red lamp turns on and two short beeps indicates turn off. Release button and device turns off. (“MODE” and ‘TIME” lamps status have no effect on switch off)

Device charging

Device can be charged at switch off state or during working too! Plug the standard mini USB wall charger to the 5VDC slot which is in the box. (If you use other than the manufacturer's charger please be sure it has 5V DC voltage and 1A current!) Device has built in protection but we have no responsibility for any damage caused by different charger and warranty voids! Charging indicated with red lamp on when device is off and red light flashing every second if device is on. ("MODE" and 'TIME" lamps status have no effect on charging). At the end of charge red lamp turns off (if device switched off), or change to flashing green (if switched on). The device has built-in 980mAh Li-Ion rechargeable battery which should be changed by the manufacturer if necessary.



Automatic turn off

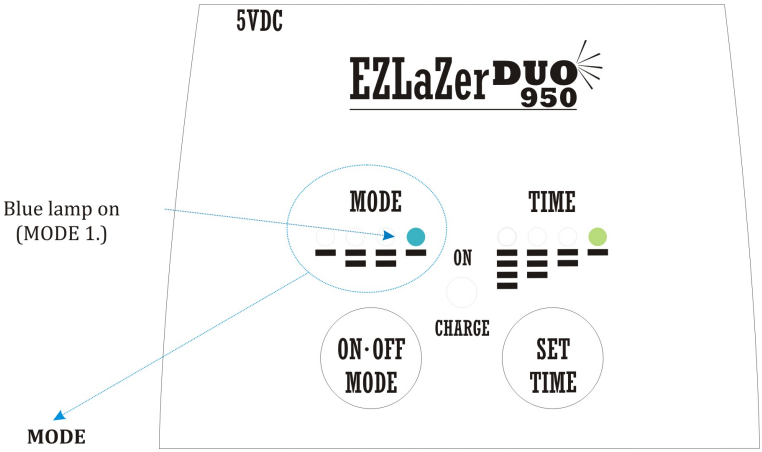
Device turns off automatically when the preset time elapsed or it detects low battery. When preset time elapsed it sounds one long and two short beeps before turn off. When battery low red lamp turn on 20sec before switch off and it sounds a series short beep at 10sec and 15 sec before switch off and finally it beeps two short.

Mount on tripod

Put device into holder by pulling the end to the desired size than release it when device fixed. Mount the holder with the device on the tripod or any other standard camera or mobile phone stand.

Device modes

Device turn on mode is “MODE 1.” “MODE” blue lamps indicate actual mode. Right two blue lamps show green laser is on, left two blue lamps show red laser is on. Touching the {ON OFF} {MODE} button device changes to the next mode (after MODE 6. again MODE 1. comes). Touching the button indicated by a short beep.



Green laser is on with short period of time (MODE 1)

Red laser is on with short period of time (MODE 2)

Green and red lasers are on with short period of time (MODE 3)

Green laser is on with long period of time (MODE 4)

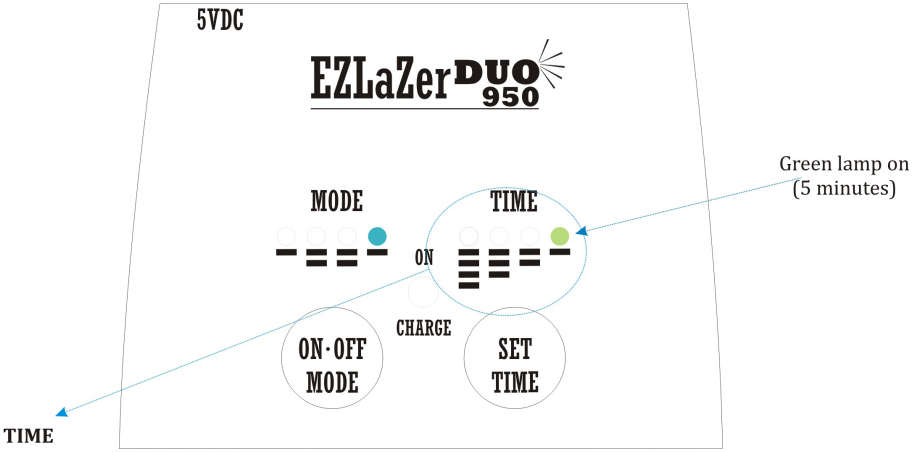
Red laser is on with long period of time (MODE 5)

Green and red lasers are on with long period of time (MODE 6)

Short period of time is ~100ms long period of time is ~143ms.

Preset time

When device turns on preset time (“TIME”) is 5 minutes. “TIME” green lamps indicate time preset. When preset time elapsed the device turns off automatically (See section “Automatic turn off’). The rightmost green lamp indicates 5 minutes and to the left direction other lamps show 10, 15 and 20 minutes in sequence. Touching {SET TIME} button device presets the next time period (after 20 minutes 5 minutes comes again). Touching the button indicated by a short beep. From preset time device counting down to zero and sounds long beep every elapsed 5 minutes. During countdown touching {SET TIME} button again device presets new time and starts counting again. (Suggested maximum preset time is 20 minutes).



5 minutes 10 minutes 15 minutes 20 minutes

Device modes (“MODE”) and preset time (“TIME”) functions can be set independently. Settings are possible when device is switched on.

Not suggested to operate the device more than 20 minutes (lasers output power and lifetime could reduce). If it is still necessary leave device switched off for a period of 10-15 minutes than use it again.

EZLaZer devices not harmful for the eye but during usage safety precautions must be kept to avoid dangers due to operation!

Safety regulations

- "Class-2 laser device" according to EN60825-1 "Safety of laser products". For classification diffused radiation specification is applicable.
- Not harmful for the eye because maximum period of time for radiation is ~160ms (eye reaction time is 250ms).
- Device radiation not harmful for the eye because eye blinking (250ms reaction time) grants protection.
- No need for protective glasses if there is any optical device (glasses, convex lenses) in the laser beam path.
- Never direct laser beam to reflecting surfaces!
- Never look into the laser beam and never direct to other's eye!
- Turn on device only when directed to the right surface!
- Children don't use device, must be kept closed!
- Don't use device when it is damaged or functions different from the manual!
- Disassembling device is strictly prohibited!
- Protect device from radiating heat, magnetic fields, moisture and water.
- Never let the device fall down, don't drop don't put on heavy objects.
- Device don't need maintenance
- On incidental contamination use lightly wet soft cloth for cleaning! Never use strong chemicals and abrasives!
- Keep device in a cool well ventilated place!
- Never touch the laser's optical part with finger or other objects!
- To avoid injuries device must be repaired by the manufacturer.
- Device should be used only for your own responsibility.
- Manufacturer has no responsibility for any damage caused by operating the device.